

ZOLOTAREV, P.A., inzh.-konstruktor; KOZOREZOV, M.A., inzh.-konstruktor;
MELIKHOV, V.L., inzh.-konstruktor; NOVOGRENKO, N.M., inzh.-
konstruktor; SVERDLOV, V.Ya., inzh.-konstruktor; TUSHKANOV, B.A.,
inzh.-konstruktor; SHAPIRO, I.L., inzh.-konstruktor

VL80 eight-axle a.c. locomotive. Elek. i tepl. tiaga 7 no.4;
24-28 Ap '63. (MIRA 16:5)

1. Novocherkasskiy elektrovostroyitel'nyy zavod i Novocherkasskiy
nauchno-issledovatel'skiy institut elektrovostroyeniya.
(Electric locomotives)

ALIKIN, R.I.; GORDIYENKO, P.I.; BESPROZVANNYY, I.G.; ZHIBTSOV, P.P.;
ZOLOTAREV, P.A.; ZUSMANOVSKAYA, L.L.; IBRAGIMOV, K.G.; KGOZOREZOV,
M.A.; KOKOREV, A.I.; KUPRIANOV, Yu.V.; KURGCHKA, A.L., kand.
tekhn. nauk; LITVINOVA, L.M.; LOZANOVSKIY, A.L., kand. tekhn.
nauk; MAVDRIKOV, F.I.; MAKHAN'KOV, L.V.; PUKALOV, V.I.; RAYLYAN,
A.F.; SVERDLOV, V.Ya.; SKLYAROV, B.S.; SOLOV'YEV, K.M., kand.
tekhn. nauk; STUKALKIN, A.N.; SUROVIKOV, A.A.; TIKHONOV, N.G.;
SHTEPENKO, P.K.; YANOV, V.P.

[VLEO electric locomotive.] Electrovoz VAPO. Novochoerkassk. Nauchno-
issledovatel'skii institut elektrovozostroeniia. Sbornik nauchnykh
trudov, vol. 5)
(MIFA 18:5)

KOZOREZOV, Ye. S.

MITKALEV, B.A., kandidat khimicheskikh nauk.; KOZOREZOV, Ye. S.; inzhener.

Factors affecting the formation of emulsions in refinery runoffs.
Neftianik 2 no.4:28-31 Ap '57. (MIRA 10:5)

1. Bashkirskiy nauchno-issledovatel'skiy institut neftyanoy promysh-
lennosti.

(Petroleum--Refining)

SOV/81-59-16-58508

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 411 (USSR)

AUTHORS: Mitkalev, B.A., Kozorezov, Ye.S., Ioakimis, E.G.

TITLE: The Examination of the Sewage of the Retarded Coking Installation at the Novo-Ufimskiy Oil Refinery

PERIODICAL: Novosti neft. tekhn. Neftepererabotka, 1958, Nr 9, pp 4-9

ABSTRACT: The examination of the sewage from the installation of retarded coking has shown that the sewage is polluted by small quantities of petroleum products, mechanical admixtures and H_2S . It is recommended to purify the hydrogen sulfide waters from H_2S and after cooling to use them for a second time; for the final cleaning of waste waters from mechanical impurities filtration through two-layer sand-coke filters is recommended. There are 3 references.

G. Margolina.

Card 1/1

MITKALEV, B.A.; IOAKIMIS, E.G.; KOZOREZOV, Ye.S.

Separate sewerage systems. Trudy BashNII HP no.1:200-204
'59. (MIRA 12:6)
(Petroleum refineries--By-products)
(Sewerage)

KOZOREZOV, Ye.S.; MITKALEV, B.A.; IVANOV, A.M.; DZHINGARADZE, V.M.

Separation of trap emulsions in petroleum refineries. Khim.i tekhn.
topl.i masel 6 no.6:32-34 Je '61. (MIRA 14:7)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke
nefti i Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskiy
institut khimicheskogo mashinostroyeniya.

(Petroleum--Refining) (Emulsions)

KOZORENOV, Ye.S.; MITKALEV, B.A.; IVANOV, A.M.; DZHINCHARANZE, V.M.

Separating the trap emulsions of petroleum refineries. Trudy Bash
NIIIP no.5:218-225 '62. (MIRA 17:10)

~~KOZOREZOV, Ye.~~; MOROZOVA, G.; GOL'd, M.; CHERNYAYEV, G.

In the oil regions of our country. Neftianik 7 no.2:30-31 F '62.
(MIRA 15:2)
(Petroleum industry)

5(3)

AUTHORS: Kozorezov, Yu. I., Dorogochinskiy, A. Z. SOV/20-123-5-24/50

TITLE: Alkylation of Toluene by C₁₀ Olefines in the Presence of Sulphuric Acid (Sernokislotnoye alkilirovaniye toluola olefinami C₁₀)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 5, pp 857 - 859 (USSR)

ABSTRACT: In the production of the most commonly used synthetic detergents - the alkyl-aryl sulfonates - benzene, as a possible deficient item, should be replaced by other aromatic hydrocarbons, in particular by toluene. No informations has been published on the effects of various factors on the intensity of the course of the reaction of the toluene alkylation by C₁₀ olefines in the presence of sulfuric acid. Of late it has been proved that high-molecular olefines (preponderantly C₁₀) can be obtained from the polymerization with phosphoric acid of the amylene from the C₅ fraction of thermal cracking. Therefore, in the present paper the reaction mentioned in the title was studied with the polymerization products of the pentane-amylene

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Alkylation of Toluene by C₁₀ Olefines in the Presence of SOV/20-123-5-24/50
Sulphuric Acid

fraction. Chemically pure sulfuric acid was used as a catalyst. A description of the laboratory equipment used is given. Numerous experiments with the fraction of the amylene dimers (boiling point 125 - 175°) and for the purpose of an explanation of the effect exerted by the following factors were conducted: a) concentration of the initial acid, b) duration and temperature of the reaction, c) molar ratio of the olefines with regard to toluene, and d) relation of the acid to the hydrocarbons. The results are summarized in table 1. Thus, the following optimum conditions could be indicated, which secure the highest possible yield of alkyl products: concentration of the initial acid 95 - 97 per cent by weight calculated for monohydrate; temperature 10 - 15°, duration of the reaction 30 - 40 minutes, molar ratio of olefines to toluene 1:4 - 1:6, proportion by volume of the acid to the hydrocarbons 0.12. Under these conditions, the yield of the alkyl product amounts to 140 - 143 per cent by weight calculated for the initial olefines. The formerly (Refs 5-8) dreaded significant depolymerization of the initial olefines by acids has turned out to be much lower (12-13 per cent by weight). It was proved

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Alkylation of Toluene by C₁₀ Olefines in the Presence of SOV/20-123-5-24/50
Sulphuric Acid

moreover that the yield of the amyl toluene fraction is affected only by the concentration of the initial acid and by the temperature of the reaction (Table 1). Figure 1 shows the distillation curve of an alkyl product. Constants of the products obtained are given. There are 1 figure, 1 table, and 12 references, 1 of which is Soviet.

ASSOCIATION: Groznenskiy neftyanov nauchno-issledovatel'skiy institut
(Groznyy Scientific Research Institute for Petroleum)

PRESENTED: July 23, 1958, by B. A. Kazanskiy, Academician

SUBMITTED: July 20, 1958

Card 3/3

KOZOREZOV, Yu. I., Cand of Chem Sci — (diss) "Study of the Reaction of Sulfuric Acid Alkylation of Toulene by Olefin C_8 C_{10} and C_{12} ," Groznyy, 1959, 16 pp (Institute of Organic Chemistry im N. D. Zelinskiy, Acad Sci USSR) (KL, 5-60, 123)

KOZORNOV, Yu.I.; DOROGCHINSKIY, A.Z.

Sulfuric acid alkylation of toluene by diisobutylene. Izv. vys.
ucheb. zav.; neft' i gaz 2 no.5:49-54 '59. (MIRA 12:8)

1. Groznenskiy neftyanoy institut i Groznenskiy nauchno-issledo-
vatel'skiy institut.

(Alkylation) (Toluene)

KOZOREZOV, Yu.I.; DOROGUCHINSKIY, A.Z.

Sulfuric acid alkylation of toluene by C_{12} olefins. Izv. vys. ucheb.
zav.; neft' i gaz 2 no.8:45-49 '59. (MIRA 12:11)

1. Groznenskiy neftyanoy institut; Groznenskiy neftyanoy nauchno-
issledovatel'skiy institut.
(Toluene) (Alkylation)

KOZOREZOV, Y. I.; DOROGUCHINSKIY, A. Z.

Alkylation of toluene by C_{10} olefins in the presence of
sulfuric acid. Khim.i tekhn. topl.i masel 5 no.5:36-41
My '60. (MIRA 13:7)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.
(Toluene) (Olefins) (Alkylation)

S/076/60/034/06/28/040
B015/B061

AUTHOR: Kozorezov, Yu. I. (Groznyy)

TITLE: Kinetic Equations for the Alkylation Reaction of Benzene and Its Homologues With Unsaturated Hydrocarbons

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 6, pp. 1326-1330

TEXT: Kinetic equations were derived for the alkylation of benzene and its homologues while differential equations of the kinetics of successive multistage reactions were integrated, at different rate constants of the formation of alkylbenzenes and various concentrations of the alkylation components. The equations obtained allow the solution of two problems: 1) can the composition of the reaction product be determined from a known ratio of the rate constants and the part of the converted aromatic components ? and 2) can the ratio of the reaction rate constants of the alkylation be established from the known composition of the alkylate ? From the equations (18) - (21) on the ratio of the rate constants of the isopropylation of benzene 1 : 0.8 : 0.3 : 0.15 and isopropylbenzene

Card 1/2

✓C

Kinetic Equations for the Alkylation Reaction of Benzene and Its Homologues With Unsaturated Hydrocarbons S/076/60/034/06/28/040 B015/B061

1 : 0.4 : 0.2 (with a hydrogen fluoride catalyst), the concentration of the alkylbenzenes in the reaction product at different degrees of conversion, was calculated, the calculation results compared with corresponding experimental data of V. G. Plyusnin (Refs. 2, 3), and a good agreement observed. The equations (18) - (23) can be used for all reactions of the substitution of hydrogen atoms in benzene nuclei if the reactions show a successive irreversible character. There are 2 tables and 7 references: 5 Soviet, 1 American, and 1 German.

ASSOCIATION: Groznenskiy neftyanoy nauchno-issledovatel'skiy institut
(Groznyy Scientific Research Institute for Petroleum)

SUBMITTED: August 26, 1958

✓

Card 2/2

S/153/61/004/001/007/009
B110/B203

AUTHORS: Kozorezov, Yu.I., Dorogochinskiy, A.Z.

TITLE: Intensity of the reaction of polyalkylation in the sulfuric acid alkylation of toluene with high-molecular olefins

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, v. 4, no. 1, 1961, 133 - 137

TEXT: In the alkylation of aromatics, especially toluene, with low-molecular olefins, undesired polysubstituted derivatives are formed in part, the formation of which is reduced by excess toluene. The tendency to polyalkylation decreases with increasing molecular weight. Few publications, however, deal with the intensity of toluene polyalkylations with high-molecular olefins. In the present paper, the authors study polyalkylations in sulfuric acid toluene alkylation with isodecenes separated in distillation from the polymerization products of the pentane amylene fraction of thermal cracking with phosphoric acid catalyst. The authors used: toluene with bromine number = 0, the isodecene fraction between 125 and 175°C, with molecular weight = 134; bromine number = 120, and chemically

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Intensity of the reaction of ...

S/153/61/004/001/007/009
B110/B203

pure H_2SO_4 as a catalyst. The method described by the authors (Ref. 6; Yu.I. Kozorezov, A.Z. Dorogochinskiy: Dokl. AN. SSSR, 123, 857 (1959)) was used for the production. Table 1 shows that in the toluene alkylation with isodecenes yields of more than 80% of monodecyl toluenes (fraction 220-300°C) are obtained which only slightly decrease with decreasing molar ratio toluene/olefins. A decrease in the ratio from 4-7 to 1 increases the yield of residue boiling above 300°C only from 2-3 to 5.5% by weight. The decrease in densities and refractive indices shows that the aromatic fraction does not increase to the same extent. An increase of the bromine number and the aniline point indicate an increase in side reactions of olefin polymerizations. A decrease of the molar ratio from 7 to 1 reduced the fraction of aromatics from 95 to 83 % by weight. Here, a proper excess of toluene should reduce the undesired olefin polymerizations to a minimum. The isodecyl fraction between 220 and 300°C was oxidized in an oscillating steel autoclave with 5% HNO_3 at 200°C for 2 hr.

Terephthalic acid, identified as methyl ester, was formed in a 60% yield. The absence of o-phthalic acid established with resorcin suggested a p-structure of the original decyl toluenes. H_2SO_4 as a catalyst does not

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Intensity of the reaction of ...

S/153/61/004/001/007/009
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permit formation of m-isomers. Orthoisomerism is sterically impossible due to the isodecene structure. In the isodecene fraction obtained with H_3PO_4 (120-180°C), compounds with tertiary C at the double bond ($RR'C=CH_2$ and $RR' = CHR''$) are prevailing. The aromatic compound adds to this tertiary C in the presence of H_2SO_4 . The introduction of the tertiary C atom into the ortho-position of toluene is already difficult in the case of simple isobutylene. Therefore, the alkylation of p-xylene with isodecene is also difficult; it yields 55% unsaturated olefin polymers and only 19,5% aromatics (after silica gel adsorption). In the alkylation of o-xylene, however, a 98% yield of alkyl xylene with aromatic hydrocarbons was obtained, corresponding to 161% by weight of the initial olefins. The alkylation of p-xylene with n-nonene and n-octene produced yields near those of o-xylene (Table 2). Thus, the o-alkylation is facilitated with decreasing branching of the olefin molecules and absence of the tertiary C atom at the double bond. There are 2 tables and 14 references: 9 Soviet-bloc and 5 non-Soviet-bloc. The reference to the English language publication reads as follows: Ref. 10. B.Friedman et. al. J. Amer. Chem. Soc. 79, 1465 (1957)

Card 3/8

Intensity of the reaction of ...

S/153/61/004/001/007/009
B110/B203

ASSOCIATION: Groznenskiy neftyanoy institut, Kafedra tekhnologii nefi i gaza (Groznyy Petroleum Institute, Department of Petroleum and Gas Technology), Groznenskiy neftyanoy nauchno-issledovatel'skiy institut (Groznyy Petroleum Scientific Research Institute)

SUBMITTED: June 1, 1959

	n _D	d ₄	Выход фракции, % от исходной	Молярное отношение исходных	Имя опыта
	1,4793	0,8520	90,2	0,5:1	33
	1,4860	0,8626	121,5	1:1	34
	1,4895	0,8680	133,7	2:1	35
	1,4916	0,8715	139,9	4:1	36
	1,4920	0,8730	143,0	7:1	14
	1,4929	0,8738	145,8	10:1	32

Card 4/8

KOZOREZOV, Yu.I.; BAYBURSKIY, L.A.; MANOVYAN, A.K.

Effect of the intermediate circulating reflux on the process of
distillation in a column. Khim. i tekhn. topl. i masel 6 no.11:
27-32 N '61. (MIRA 14:12)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.
(Plate towers)

KOZOREZOV, Yu.I.; BAYBURSKIY, L.A.; MANOVYAN, A.K.; GONCHAROVA, N.A.;
KHACHATUROVA, D.A.

Studying the operation of troughed plated of industrial rectifi-
cation columns. Khim.i tekhn.topl.i masel 7 no.2:40-44 F '62.
(MIRA 15:1)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.
(Plate towers)

KOZOREZOV, Yu.I.

Determination of the number of theoretical plates in calculating
rectification columns. Khim.i tekhn. topl.i masel 7 no.5:49-54
My '62. (MIRA 15:11)

(Plate towers)

KOZOREZOV, Yu.I.; BAYBURSKIY, L.A.; MANOVYAN, A.K.; GONCHAROVA, N.A.

Operation indices and the evaluation of certain methods for
designing rectifying columns for industrial petroleum
refining plants. Trudy GrozNII no. 15:148-164 '63.
(MIRA 17:5)

KOZOREZOV, Yu.I.; KAMAKIN, N.M.; KOSTYLEVA, Z.A. PROKHOROV, G.V.

Obtaining oxygen-containing compounds from technical C₃-C₅
hydrocarbon mixtures. Neftekhimiia 4 no.2:290-293 Mr-Apr'64
(MIRA 17:8)

1. Institut khimii polimerov i monomerov AN UkrSSR, Kiev.

KOZOREZOV, Yu.I.; KAMAKIN, N.M.; KOSTYLEVA, Z.A.; PROKHOROV, G.V.

Oxidation of n -butane-isobutane mixtures. Zhur. prikl. khim.
38 no.5:1183-1185 My '65. (MIRA 18:11)

1. Institut khimii polimerov i monomerov AN UkrSSR.

L 45682-66 EWT(m)/EWP(j)/T WE/RM
ACC NR: AP6020391 SOURCE CODE: UR/0204/66/006/001/0071/0074

AUTHOR: Tyuryayev, I. Ya.; Grinenko, S. B.; Kadilova, I. L.; Kozorezov, Yu. I.;
Golubova, E. Ye.; Zhupanenko, V. V. 29 3

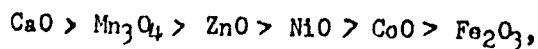
ORG: Institute of Chemistry of High Molecular Compounds, AN UkrSSR (Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR)

TITLE: Effect of oxides of various metals on the oxidative dehydrogenation of isopentane into isoprene with the participation of iodine

SCURCE: Neftekhimiya, v. 6, no. 1, 1966, 71-74

TOPIC TAGS: transition metal oxide, dehydrogenation, isopentane, isoprene, iodine

ABSTRACT: Comparative data were obtained on the oxidative dehydrogenation of isopentane into isoprene with the participation of iodine and various metal oxides. The reaction products were analyzed by gas-liquid chromatography. From the standpoint of the isoprene yield from the dehydrogenation in the presence of iodine and air, the oxides are arranged in the following sequence:



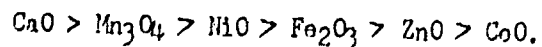
and when air is replaced by nitrogen,

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UDC: 547.315.2:547.215-125:542.941.8:[546.15+546.3]-31

L 45684.55

ACC NR: AP6020391



The best characteristics are obtained when calcium oxide is used as the absorbing agent for hydrogen iodide. When 0.5 mole of iodine per mole of isopentane and one mole of oxygen per mole of iso-C₅H₁₂ are supplied at 530° and the contact time is 1.3 sec, the isoprene yield is about 62 mole % in one operation for a selectivity of the process of 82 mole %. Orig. art. has: 1 figure and 2 tables.

SUB CODE: 07/ SUBM DATE: 01Feb65/ ORIG REF: 003/ OTH REF: 001

Card 2/2 *MT*

DOBROZRAKOVA, N. I.: VOZOBREZHA, A. A.

M: Sklady Smazochnykh Materialov Promyshelennykh Predpriyati
(Storage Places for Lubricating Materials of Industrial Enterprises),
Moskva-Leningrad, 1950.

Soviet Source: Abstracted in USAF "Treasure Island", on file in
Library of Congress, Air Information Division, Report No. 112641.
Unclassified.

KOLOREZOVA, A. A.

BEREZHNAYA, V.D.; KAPUSTIN, B.N.; KOZOREZOVA, A.A.; MATSKIN, L.A.; STARKOV,
G.V.; TITKOV, V.I.; SMELYANSKIY, V.A.; ~~redaktor~~; SOKOLOVA, K.N.,
tekhnicheskiiy redaktor

[Manual on petroleum products in agriculture] Spravochnik po nefte-
produktam v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz.
lit-ry, 1956. 143 p. (MLRA 10:4)
(Petroleum products)

EMINOV, Ye.A.; OSHER, R.N.; PATSUKOV, I.P.; CHEKAVTSEV, N.A.; MAZYRIN, I.V.;
FUKS, G.I.; VLADZIYEVSKIY, A.P.; PATSUKOV, I.P.; AVDEYEV, A.V.;
LOPOYAN, G.S.; PETROV, G.G.; KOZOREZOVA, A.A.; LISITSKIY, K.Z.;
YAKOBI, M.A.; BELYANCHIKOV, G.P.; IVANOV, V.S.; VORONOV, N.M.; RU-
MYANTSEV, V.A.; ZILLER, G.K.; BEREZHNAVAYA, V.D.; LEVINA, Ye.S.,
vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Manual on the uses and consumption standards of lubricants] Spra-
vochnik po primeneniyu i normam raskhoda smazochnykh materialov.
Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry.
1960. 703 p. (MIRA 13:4)

(Lubrication and lubricants)

EMINOV, Ye.A.; SINITSYN, V.V.; OSHER, R.N.; CHEKAVTSEV, N.A.; PATSUKOV, I.P.; USOV, A.A.; FUKS, G.I.; VLADZIYEVSKIY, A.P.; AVDEYEV, A.V.; ARZUMANOV, Sh.P.; PETROV, G.G.; KOZOREZOVA, A.A.; LISITSKIY, K.Z.[deceased]; YAKOBI, M.A.; BELYANCHIKOV, G.P.; IVANOV, V.S.; VORONOV, N.M.; RUMYANTSEV, V.A.; TROFINUK, V.A.; BERSHTADT, Ya.A.; ZILLER, G.K.; BEREZHNIAYA, V.D.; KLEYMENOVA, K.F., ved.red.; TITSKAYA, B.F., ved. red.

[Manual on the use and norms for the expenditure of lubricants]
Spravochnik po primeneniui i normam raskhoda smazochnykh materialov. 2. perer. i dop. izd. Moskva, Khimiia, 1964. 855 p.
(MIRA 18:3)

SVETOZAROVA, O.I.; ZHDANOVA, V.V.; NESMEYANOVA, T.S.; LEVASHOVA, E.P.;
KOZOREZOVA, A.I.; NEMCHENKO, S.A.; MINETS, T.M.

Studying the composition of gasolines derived from the catalytic cracking of high-paraffin kerosene gas oil. Trudy GrozNII no. 15:344-350 '63. (MIRA 17:5)

SVETOZAROVA, O.I.; SHDANOVA, V.V.; NESMEYANOVA, T.S.; LEVASHOVA, E.P.;
KOZOREZOVA, A.I.; NEMCHENKO, S.A.; MINETS, T.M.

Studying the composition of the aromatic hydrocarbons of
gasolines. Nefteper. i neftekhim. no.6:19-21 '63

(MIRA 17:7)

1. Groznenskiy neftyanoy nauchno-issledovatel'skiy institut.

2

ACCESSION NR: AT4016006

8/2625/63/000/015/0344/0350

AUTHOR: Svetozarova, O. I.; Zhdanova, V. V.; Nesmeyanova, T. S.; Levashova, E. P.; Kozorezova, A. I.; Nemchenko, S. A.; Minets, T. M.

TITLE: Study of the composition of gasolines obtained by catalytic cracking of highly paraffinic gas oils

SOURCE: Grozny*y. Neftyanoy nauchno-issledovatel'skiy institut. Trudy*, no. 15, 1963. Tekhnologiya pererabotki nefti i gaza. Neftekhimiya (Technology of processing petroleum and gas. Petroleum chemistry), 344-350

TOPIC TAGS: petroleum refining, gasoline, cracking, catalytic cracking, hydrocarbon composition, paraffinic petroleum, gas oil

ABSTRACT: The composition of the pentane-hexane fractions and aromatic hydrocarbons in gasolines boiling at up to 200C and obtained by catalytic cracking of petroleum gas-oil with a high content of paraffinic hydrocarbons was investigated. The experiment consisted of four stages: (1) Isolation of gasoline from the cracking products; (2) chromatographic separation of the fraction into paraffin-naphthene, unsaturated and aromatic portions on silicagel with a benzene activity of 13-15 ml/100 g.; (3) fractionation into small fractions

Card

1/2

KOZORIN, K. gvardii mayor

Overcoming hardships. Voen.znan. 36 no.6:9-10 Ja '60.
(Military education) (MIRA 13:6)

KOZORIZ, Georgiy Filippovich; STARIKOVICH, A.K., red.

[Efficient designs of cyclones for the woodworking industry]
Ratsional'nye konstruktsii tsiklonov v derevotrabyvau-
shchei promyshlennosti. Moskva, Lesnaia promyshlennost',
1964. 68 p. (MIRA 17:9)

KOZOROVITSKAYA, A.

On friendly terms with books. Prof.-tekh. obr. 13 no.11:
24-26 N '56.

(MLRA 9:12)

1. Zaveduyushchaya bibliotekoy spetsial'nogo remeslennogo
uchilishcha no.4, Riga.
(Riga--School libraries)

1 31824-95 2200/221(50)/222(50)/223(50)/224(50) PL-1/70-1/71-6/
 Feb-10 1970
 ACCESSION NR: AP500478 5/0056/65/048/col/0072/0077

AUTHOR: Kovan, I. A.; Korotkiy, I. I.; Rusanov, V. D.; Salinov, V. P.;
 Frank-Kamenetskiy, D. A.

TITLE: Magnetosonic resonance in a toroidal system

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 48, no. 1, 1965,
 72-77

TOPIC TAGS: magnetosonic resonance; toroidal plasma system; magnetic sound
 amplification; plasma heating; Tokamak

ABSTRACT: To provide better conditions for prolonged plasma confinement, the au-
 thors used a toroidal chamber with longitudinal current, in which the possibility
 of excitation of magnetosonic resonance has never been considered previously. The
 experimental setup is shown in Fig. 1 of the Enclosure. A large ratio of longi-
 tudinal magnetic field to the field of the current pinch itself was used to obtain
 maximum plasma stability. The use of longitudinal currents in conjunction with a
 metallic screen, as described by V. D. Sharanov (Atom. energ., v. 13, 521, 1962)
 ensured equilibrium of the plasma column. The magnetic sound was excited by a

Card 1/1

L 31826-65

ACCESSION NR: AP-004375

magnetic-field fast-rise and slow-decay pulse of maximum intensity ~ 4 koe and of duration ~ 250 msec. The longitudinal current was produced by discharging a capacitor in the primary circuit of the toroid transformer, the secondary winding of which was the plasma loop. The maximum electric field intensity in the plasma was 1 v/cm and in most experiments the current did not exceed 1000 amp. The application of the magnetic field produced magnetosonic resonance in the plasma. The maximum electron concentration at the instant of resonance was 9×10^{12} cm $^{-3}$ at approximately the center of the chamber, with a value $6-7 \times 10^{12}$ cm $^{-3}$ averaged over the cross section. The temperature was $5-7$ ev, and the value of the quasi-static magnetic field at the instant of resonance was ~ 1400 oe. The resonant frequency was close to the theoretically calculated value, but the ratio of the amplitude of the high-frequency field in the chamber without a plasma to the amplitude with the plasma was only $1-2$, so that the increase in the magnetic-sound amplitude along the column axis was not very significant. It is concluded that the effect can be used in high-frequency heating of a plasma in toroidal systems with a strong magnetic field, in equipment of the "Tokamak" or "Stellarator" type. The authors thank Ye. K. Zayovskiy for valuable discussions and A. V. Titov, V. E. Shansky, and V. M. Vavrin for participating in the work. Orig. art. has 4 figures and 5 formulas.

[02]

Card 2/11

1-21376-65
ACCESSION: INT AP-008276
ASSOCIATION: None
SUBMITTED: 040 0150 EXC: 01 SUB CODE: ME
NO REF SOV: 006 OTHER: 001 AND PRESS: 3199

Card 3/4

T-31824-65

ACCESSION NR: AF5004375

ENCLOSURE 01

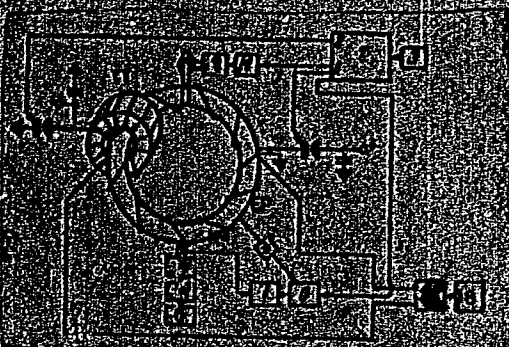


Fig. 1. Diagram of circuit.

The diagram shows a circuit for the generation of a high-frequency signal. It includes a generator (1) for the excitation and modulation of the pumping signal, a receiver and oscilloscope (2) for synchronization, a block (3) for the excitation generator, and a magnetic probe (MP) and a double electro-
vatic probe.

Card 4/4

L 44368-66 EWT(m)/EWP(j)/T/EWP(v) IJP(c) RM/WW

ACC NR: AP6023062 (A)

SOURCE CODE: UR/0191/66/000/004/0024/0026

AUTHOR: Volk, A. I.; Timofeyev, N. Ya.; Veprinskaya, M. N.; Shtern, K. A.; Kozorovitskiy, V. R.

ORG: none

33B

TITLE: Investigation of the technological parameters for the continuous production of the polyester glass-plastic laminates ✓

SOURCE: Plasticheskiye massy, no. 4, 1966, 24-26

TOPIC TAGS: laminated glass, laminated plastic, synthetic material, styrene

ABSTRACT: The effect of styrene¹⁵ content in the binder¹⁵ (18-34%), temperature of charge make-up (20°-60°C), and duration of charge gelatinization (3-9 minutes) on the mechanical properties of polyester glass-plastic laminates was investigated. The binder was composed of styrene and polydiethyleneglicolmaleinatephthalate. Polymerization of the laminates was conducted at 80°C using 1.5% benzoyl peroxide initiator. It was found that the higher the styrene content, the greater the rate of binder hardening. The best mechanical properties of laminates (highest bending strength) resulted from the use of binders containing 26-33% styrene. Orig. art. has: 2 figures, 3 tables.

SUB CODE: 07/

SUBM DATE: none/

ORIG REF: 003/

OTH REF: 002

Card 1/1 hs

UDC: 678.06-419 : 677.521 : 69-932

KOZOUSEK, J.

Torsional vibration of crankshafts. p. 7 (Strojnoelektrotechnický časopis. Bratislava. Vol. 3, no. 2, 1952)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

KOZOUSEK, J.

Torsional vibration of crankshafts. p. 29.
STROJNOELEKTROTECHNICKY CASOPIS, Bratislava, Vol. 4, no. 1, 1953.

SO: Monthly List of East European Accessions, (REAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

L 12832-66

ACC NR: AP6005719

SOURCE CODE: CZ/0082/65/000/003/0237/0237

AUTHOR: Kozousek, J.; Nedbal, J.; Sutnarova, V.

ORG: Ophthalmological Clinic and Neurological Clinic, Medical Faculty, J. Ev. Purkyne University, Brno (Oční klinika a neurologická klinika lékařské fakulty UJEP) 2/B

TITLE: Kjer's form of heredofamiliar atrophy of the optical nerve [This paper was presented at the meeting of Slovak neurologists at Modra-Harmonia, 25-27 June 64.]

SOURCE: Ceskoslovenska neurologie, no. 3, 1965, 237

TOPIC TAGS: neurology, nervous system disease, ophthalmology, heredity, clinical medicine, human genetics

ABSTRACT: A case of atrophy is described in members of 3 generations of one family. Out of 43 members of the family 14 were affected. The heredity was transmitted both by men and women. Detail description of the findings is given. Degenerative stigmata and peculiarities found in the EEG findings are discussed. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

HW

KOZOUSEK, JOSEF

"Spalovací motory; celostatní vysokoskoka učebnice. (Vyd. 1,) Praha, Statní nakl. technické literatury, 1956. (Combustion engines; a university textbook. 1st ed. bibl., graphs, index)

597 p. (Praha, Czechoslovakia)

Monthly Index of East European Accessions (BEAI) LC, Vol. 7, no. 9,
September 1958

SCHWABE, Kurt, prof., Dr.-Ing. habil.; KOZOUSEK, Josef, prof., inz., dr.

Theoretical scientific basis is the prerequisite of technical and scientific education and research. El tech obzor 52 no.1: 1-7 Ja '63.

1. Rektor Technické university, Drazdany (for Schwabe).
2. Rektor Ceskeho vysokeho uceni technickeho, Praha (for Kozousek).

KOZOUSEK, V.; KOZOUSKOVA, J.

Morphology of herpes zoster virus and effect of certain antibiotics,
preliminary note. Lek. listy, Brno 8 no.23:541-542 1 Dec 1953.

(CJML 25:5)

1. Of the Institute of Hygiene (Head--Prof. V. Tomasek, M.D.) of
Masaryk University, Brno.

KOZOUSEK, V.

Electron microscopy of trachoma virus. Cesk. ofth. 9 no.3:194-198
June 1953. (CML 25:4)

1. Of the Eye Clinic (Head--Prof. B. Slavik, M.D.) of Masaryk University,
Brno.

KOZOUSEK, V.

The significance of flicker fusion frequency in the prognosis of the deterioration of the visual field. Cesk. oftal. 21 no.3: 226-232 My '65

1. Oční klinika lékařské fakulty University J.E. Purkyně v Brně (prednosta: prof. dr. J. Vanysek, DrSc.).

KOZOUSEK, Vladmir

Possibilities of the treatment of carbon monoxide poisoning with increased oxygen pressure. Pracovni lek 6 no.2:93-96 Ap '54.
(EHAL 3:8)

1. Z farmakologickeho ustavu MU v Brne. Prednosta prof. Dr. J.Stefl. 2. Z ustavu pracovniho lekarstvi MU v Brne. Prednosta doc. Dr K.Kadlec.

(CARBON MONOXIDE, poisoning,

*ther., oxygen under pressure)

(POISONING,

*carbon monoxide, ther., oxygen under pressure)

(OXYGEN, therapeutic use,

*carbon monoxide pois., increased pressure of oxygen)

KOZOUSEK, V

MD Stability of adrenaline in some catyria. J. Kral and V. Kodoniet (Masarykova Univ., Brno, Czech.). *Pharmazie* 14, 206-17 (1959).—Stability of adrenaline (I) in solns. of $ZnSO_4$, HgO , $Mg(CN)_2$, Intargol, H_2BO_3 , Ag protomate, and $Na_2B_4O_7$ was studied. I was detd. chemically by color reaction with $p-NO_2C_6H_4NH_2$ and $NaNO_2$ in alk. soln. according to Siodimose and Vuilleumie (C.A. 45, 2044) and biologically (vasoconstriction of conjunctival vessels). Both methods showed the same results. The smallest decomposition of I took place in a soln. of H_2BO_3 . In solns. of $ZnSO_4$, Ag protomate, or $HgOHg(CN)_2$ the decomposition was more pronounced. The greatest decrease of I occurred in Intargol and $Na_2B_4O_7$ (up to 60% in 15 days). K. Macek

(1)

KOZOUSEK, Vladimir, MUDr.

Certain basic findings in electron microscopy of the substantia propria corneae. Cesk. ofth. 12 no.4:250-251 Aug 56.

1. Z oční kliniky MU v Brně, přednosta prof. MUDr. J. Vanysek.
(CORNEA, anatomy and histology,
electron microscopy of substantia propria (Cz))
(MICROSCOPY, ELECTRON,
of corneal substantia propria (Cz))

CZECHOSLOVAKIA/Chemical Technology. Chemical
Products and Their Applications.
Medicinal Substances. Vitamins.
Antibiotics.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20516

Author : Kral, Jaroslav; Kozousek, Vladimir
Inst : -
Title : On the Stability of Adrenalin in Some
Eye Drops.

Orig Pub : Farmacia (Ceskosl.), 1957, 26, No 9, 264-268

Abstract : No abstract.

Card : 1/1

KOZOUSEK, V.

CZECHOSLOVAKIA/Optics - Physiological Optics

K

Abs Jour : Ref Zhur Fizika, No 8, 1959, 19258

Author : Kozousek, Vladimir
Inst : -
Title : Concerning the Problem of Mathematical and Geometrical
Determination of the Magnitude of the Prismatic Action
of Eyeglasses During Decentration

Orig Pub : Scripta med., 1957, 30, No 6-8, 309-313

Abstract : A method is described for calculating the vertical and
horizontal component of the astigmatic action of a cy-
lindrical eyeglass for various directions of the axis
of the cylindric surface. Graphs are given plotted
from the calculations of the result. Examples are given
for practical utilization of these graphs, along with
data for the magnitude of the prismatic action of the
decentered eyeglass of any value of refraction. -- L.N.
Gassovskiy

Card 1/1

KOZOUSEK, V.

EXCERPTA MEDICA Sec 13 Vol 13/8 Dermatology Aug 59

1998. BEHÇET'S DISEASE - Příspěvek ke studiu etiologie Behçetovy choroby -
Keřoušek V. and Jandásek L. Oční Klín., MU; Mikrobiol. Úst., MU,
Brno - CSL. OFTHAL. 1958, 14/4 (260-263)

Studies with the electronic microscope were performed on preparations from the aqueous, hypopyon and aphthae in Behçet's disease. From the hypopyon preparations were obtained in which particles of irregular globular form averaging about 100 mμ. could be studied. Their arrangement was interesting, the particles being either isolated or conglomerated, mostly in chain form. These particles had the appearance of the virus of Behçet's disease, as described by Taylor and McLean in allantoic fluid. An attempt was made to cultivate the virus by inoculation of the aqueous and hypopyon on chorioallantois, yolk sac, rat's brain and anterior chamber of rabbits. These experiments confirmed the negative results of inoculation of the virus from the aqueous and hypopyon.

Zahn - Prague (XII, 13)

KOZOUSEK, Vladimir

Contribution to subjective and objective evaluation of amblyopia.
Cesk. ofth. 15 no.4:306-311 Aug 59.

1. Oční klinika MU v Brně, přednosta prof. MUDr. Jan Vanysek, doktor
lékarských věd.

(AMBLYOPIA, physiol.)

KOZOUSEK, V.; ANTON, M.

Morphological studies on the pigment in melanoblastoma using the
electron microscope. Vest. oft. 73 no. 4:25-30 J1-Ag '60.

(MIRA 14:1)

(RETINA) (ORBIT (EYE)—TUMORS) (ELECTRON MICROSCOPY)

VANYSEK, Jan; KOZOUSEK, Vladimir

Some eye lesions in brain concussion. Cesk. ofth. 17 no.4/5:281-287
Jl '61.

1. Oční klinika University J. Ev. Purkyně v Brně, predn. prof. MUDr.
Jan Vanysek.

(BRAIN wds & inj) (EYE pathol)

VANYSEK, Jan; KOZOUSEK, Vladimir

Some tapetoretinal degenerations in the electroretinographic picture.
Cesk. ofth. 17 no.7:481-486 N '61.

1. Oční klinika University J. Ev. Purkyně, prednosta prof. dr. Jan Vanysek.

(ELECTRORETINOGRAPHY) (RETINA pathol)

BOUCHAL, M.; KOZOUSEK, V.

Electroretinographic changes in hypnosis. *Activ. nerv. sup.* 4 no.2:
148-149 '62.

1. Psychiatricka klinika lekarske fakulty University J. Ev. Purkyne
v Brne Ocní klinika lekarske fakulty University J. Ev. Purkyne v Brne.

(HYPNOSIS) (ELECTRORETINOGRAPHY)

KOZOUSEK, V.; FIALA, E.

Artificial aniseikomia as a new possible preventive and therapeutic factor in amblyopia ex anopsia. Activ. nerv. sup. 4 no.2:159-160 '62.

1. Oční klinika lékařské fakulty University J. E. Purkyně v Brně,
Krajská dětská nemocnice v Brně.

(AMBLYOPIA ther) (REFRACTIVE ERRORS)

KOZOUSEK, Vladimir; ANTON, Milan

Morphological study of the pigments of the retina, choroid and iris with the electron microscope. Cesk. oftal. 18 no.1:13-16 Ja '62.

1. Oční klinika University J. Ev. Purkyně v Brně, přednosta prof. dr. Jan Vanysek, DrSc.

(RETINA anat. & histol.)

(IRIS anat. & histol.)

(CHOROID anat. & histol.)

(PIGMENTS anat. & histol.)

KOZOUSEK, Vladimir; FIALA, Emil

Artificial aniseikonia, artificial anisometropia and new possibilities
for prevention and therapy of amblyopia ex anopsia in childhood.
Cesk. oftal. 18 no.4:288-292 JI '62.

1. Oční klinika University J. E. Purkyne v Brně, přednosta prof. dr
J. Vanysek, DrSc.

(AMBLYOPIA)

KOZOUSEK, V.; FIALA, E.

Artificial aniseikonia, arteficial anisometropia and new possibilities of prevention and therapy of amblyopia ex anopsia in childhood.
Scr. med. fac. med. Brunen. 35 no.3:77-80 '62.

1. Oeni klinika lekarske fakulty university J.E. Purkyne Prednosta:
prof. dr. Sc. Jan Vanysek.

(AMBLYOPIA prev & control) (VISUAL PERCEPTION in inf & child)
(REFRACTIVE ERRORS in inf & child)

CZECHOSLOVAKIA:

M. BOUCHAL and V. KOZOUSEK, Psychiatry Clinic (Psychiatricka klinika)
Head Prof Dr J. HADLIK; and Eye Clinic (Oko klinika) Head prof Dr J.
VANYSEK; Medical Faculty of the J.E.Purkyně University (Lékařská fakulta
J.E.P. [univerzita J. E. Purkyně],) Brno.

"Electroretinographic Changes During Hypnosis. Preliminary Communication."

Prague, Activitas Nervosa Superior, Vol 5, No 1, Jan 63; pp 22-25.

Abstract [English summary modified]: Data on studies in 5 persons,
concentrating on changes in 1 "polymorphic neurotic woman with
hysteroid traits" aged 39. The changes are described in detail and
discussed. One retinogram, table, 2 Czech, 1 Soviet and 2 Western refs.

1/1

KOZOUSEK, Vl.

Objective evaluation of aniseikonia by means of ultrasonics.
Cesk. oftal. 19 no.3:162-165 My '63.

1. Oční klinika lékařské fakulty UJEP v Brně, přednosta prof.
dr. J. Vanysek, DrSc.
(ULTRASONICS) (VISUAL PERCEPTION)
(REFRACTIVE ERRORS)

KOZOUSEK, V.

Study of anterior chamber fluid with the electron microscope
in melanoblastoma of the retina, pigmented cyst of the cornea
and siderosis of the eye. Cesk. oftal. 19 no.5:308-311 S '63.

1. Oční klinika lékařské fakulty UJEP v Brně, přednosta prof.
dr. J. Vanysek, DrSc.

(AQUEOUS HUMOR) (EYE NEOPLASMS) (RETINA)
(MELANOMA) (CORNEAL OPACITY) (CYSTS)
(OPHTHALMOLOGY) (SIDEROSIS)
(MICROSCOPY, ELECTRON)

KOZOUSEK, V.; SEMRADOVA, V.

Metallic foreign bodies in the electroretinographic picture.
Cesk. oftal 19 no.6:377-382 N'63.

1. Očni klinika lékařské fakulty UJEP v Brně, přednosta prof.
dr. J. Vanysek, DrSc.

*

KOZOUSKOVA, J.

KOZOUSEK, V.; KOZOUSKOVA, J.

Morphology of herpes zoster virus and effect of certain antibiotics,
preliminary note. Lek. listy, Brno 8 no.23:541-542 1 Dec 1953.

(CJML 25:5)

1. Of the Institute of Hygiene (Head--Prof. V. Tomasek, M.D.) of
Masaryk University, Brno.

KOZOUSKOVA, J.; ZAMPACH, A.

Contribution to sanitary investigations of working conditions in spas with special attention to moulds causing mycoses. Pracovní lek. 12 no.7:355-357 S '60.

1. Hygienický a epidemiologický ústav lékařské fakulty v Brně, přednosta doc. MUDr. RNDr. K. Halacka.

(HEALTH RESORTS)

(MYCOSES transm.)

(INDUSTRIAL MEDICINE)

CONFIDENTIAL
CONFIDENTIAL, given names

Country: Czechoslovakia

Academic Degrees: Doctor of natural sciences, master of pharmacology, science candidate
Institute of Hygiene and Epidemiology (Hygienický a epidemiologický ústav)

Affiliation: at the Medical Faculty (lékarská fakulta) of J.E. PURKYNĚ University (Uni-
versita J.E. PURKYNĚ) in Brno

Source: Prague, Ceskoslovenska Hygiena, No 4, May 61, pp 246-254

Data: "Ensuring an Aseptic Environment in the Injection Departments of Pharmacies"

CZECHOSLOVAKIA

1. SOLICH, J. KOZOUSKOVA, M. SASKOVA and V. VYSKOCILLOVA, Chair of Practical Pharmacy - Faculty Pharmacy (Katedra farmaceutického provazu fakultni lekarske) Brno, and Chair of Biochemistry, Microbiology and Hygiene (Katedra biochemie, mikrobiologie a hygieny) Faculty of Pharmacy Comenius University, Bratislava.

"Use of Stock Solutions and Preparations in Pharmacology."

Prague, Ceskoslovenska Farmacie, Vol 12, No 1, Jan 1963, pp 20-24.

Abstract [English summary modified]. Review and discussion of the data obtained by 85 selected Czechoslovak pharmacists in response to a questionnaire sent to 100 of them in all, they use 56 stock solutions (4 to 40 per pharmacy) and there are many needless deviations, some obviously undesirable. Conclusion is that standardization in this area is overdue. recommend that the Czechoslovak Pharmacopoeia III, now being prepared, set standards for stock solutions and preparations. Graph, 3 tables, 19 references: 5 pharmacopoeial, 4 Czech, 1 Polish, 2 Soviet, 3 Western.

1/1

CZECHOSLOVAKIA

J. KOZOUSKOVA, Department of Biochemistry and Microbiology of the Faculty of Pharmacy, Comenius University, Bratislava.

"New Possibilities of Isolation of Mycobacterium tuberculosis from Tuberculosis-Contaminated Effluents."

Prague, Ceskoslovenska Farmacie, Vol 12, No 1, Jan 1963; pp 38-44.

Abstract [English summary modified]: Laboratory and field studies revealed that Septonex Spofa (carbethoxy pentadecyl tetraethylammonium bromide) would inhibit competitive flora and give highest percentage of positive recoveries from waste waters issuing from tuberculosis hospitals with flotation isolation techniques. Six tables, 41 references: 8 Czech include 3 in press, 3 Soviet, 2 Hungarian, 28 Western.

1/1

HALACKA, K.; KOZOUSKOVA, J.

Contribution to the plan of a new fabric for facial masks. Cesk.
epidem. ll no.5:331-335 S '62.

1. Katedra hygieny a epidemiologie lekarske fakulty University J.Ev.
Purkyne v Brne Katedra biochemie a mikrobiologie farmaceuticke fakulty
University Komenskeho v Bratislave.
(MASKS)

KOZOUSKOVA, Jirina, RNDr., PhMr.

Waste waters from tuberculosis hospitals. Vod. hosp 13
no.11: 415-417'63.

1. Katedra biochemie a mikrobiologie, Universiteta
Komenskeho, Bratislava.

...KOZOUSKOVA, J.

Hygienic evaluation of type projects for new pharmacies. Cesk.
Farm. 13 no.3:131-134 Mr'64.

1. Katedra biochemie a mikrobiologie farmaceuticke fakulty UK,
Bratislava.

*

KOZOUSKOVA, J.; AUGUSTIN, J.

Advantages of the interlock mask in comparison with the
"Svedia" mask. Cesk. epidem. 14 no.6:363-367 N '65.

1. Katedra biochemie a mikrobiologie farmaceuticke
fakulty Univerzity Komenskeho, Bratislava.

KOZOV, N.I.

Self-heal in the pastures of the dry steppe. Zemledelie 25 no.5:
24-26 My '63. (MIRA 16:7)

1. Donskoy sel'skokhozyaystvennyy institut.
(Self-heal)

KOZOV, N.I., kand. sel'skokhoz. nauk

Grasses under the cover of silage crops. Zemledelie 27 no.2:53-54
F '65. (MIRA 18:4)

1. Martynovskiy opornyy punkt po vinogradarstvu.

NOVAK, B.; KOZOVA, J.; LOBL, F.; APFELTHALER, R.

Influence of organic substances in different humification stages on microbiological and biochemical processes in soil. Rost výroba 9 no.7/8:770-779 J1-Ag '63.

1. Ustredni vyzkumny ustav rostlinne vyroby, oddeleni mikrobiologie, Ruzyne.

KOZOVA, Jaroslava; BELZOVA, M.

Participation of Myxobacteria in cellulose decomposition
in the soil. Rost vyroba 9 no.7/8:792-794 J1-Ag '63.

1. Ustredni vyzkumny ustav rostlinne vyroby, oddeleni mikro-
biologie, Ruzyne.

CZECHOSLOVAKIA/Soil Science - Biology of Soils.

J.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67922

Author : Kozova, Jaroslava

Inst : Czechoslovak Agricultural Academy

Title : Adaptability and Nitrogen-Fixating Capacity of Nitrogen Bacteria in the Tomato Rhizosphere.

Orig Pub : Sbor. Ceskosl. akad. zemed. ved. Rostl. vyroba, 1956, 29, No 9-10, 966-969.

Abstract : Before tomatoes were set in the ground the number of nitrogen bacteria in the rhizosphere of bacterialized tomatoes was 100 times greater than in the non-bacterialized ones. After the harvest (in a field and pot experiment) no nitrogen bacteria could be found in the rhizosphere of non-bacterialized plants of the Tugonitskiy universal variety. In the root zone of the bacterialized plants of the Quick-

Card 1/2

CZECHOSLOVAKIA/Soil Science - Biology of Soils.

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000825930

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67922

Ripening Gruntovoy variety there were 70 times as many nitrogen bacteria as in the same zone of the non-bacterialized plants. In these latter plants there were no nitrogen bacteria in the external and internal rhizosphere. The nitrogen-fixating capacity of nitrogen bacteria from the rhizosphere of both varieties of bacterialized plants was an average of 4.22 mg. N (per gram of glucose) higher than with strains of rhizosphere: i.e. on the average, 8.75 and 16.5 mg/gram respectively. -- V.A. Kanzyuba

Card 2/2

KOZOVY, P.Ya., NAZARENKO, A.A., elektromekhanik

Increasing accuracy in determining distances to cable breaks.
Avtom., telem. i sviaz' 9 no.12:30-31 D '65.

(MTRA 19:1)

1. Starshiy elektromekhanik kontrol'no-ispytatel'nogo punkta Volgogradskoy distantzii Privolzhskoy dorogi (for Kozovoy).
2. Pechorskaya distantziya Severnoy dorogi (for Nazarenko).

CA Kozovskaya, Ye. I.

Etching of stainless-steel dental crowns. E. I. Kozovskaya and V. A. Il'in. *Med. Prom. S.S.S.R.* 1949, No. 3, 34-6. After annealing at 1000-1050°, the scale is removed by 20-30 min. etching in H₂SO₄ 25, HCl 25, H₂O 50 vol. %, at 60-70°, then the resulting dark deposit is removed by 20-60 min. immersion in a HNO₃ soln. at 60-60° which leaves a glossy surface. N. Thon

KOZOVSKI, Ts.

KOZOVSKI, Ts. Problems in the economy of construction. p. 1. Vol. 3, no. 8, 1956. STROITELSTVO. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4-April 1957

KOZOVSKI, Ts.; PAVLOV, P.

Development and basic principles in determining the prices in capital construction .
p. 26

STROITELSTVO. (Ministerstvo na stroezhite) Sofia, Bulgaria. Vol. 6, no. 8,
1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 12,
December 1959
Uncl.

KOZOVSKIY, A.L., kand. tekhn. nauk; NEMKOVSKIY, I.A., inzh.; FILIMONOVA, N.I.,
inzh.

Developing the technology of preparing polyamide powders for the
flame method of applying coatings. Trudy VNIIAvtogen no.5:263-266
'59. (MIRA 12:6)

(Protective coatings) (Amides)

KOZOVSKIY, G.F. (Moskva); MIKHNEVICH, G.V. (Moskva)

Structural characteristics of the automatic control system for the
excitation of synchronous generators. Izv. AN SSSR. Otd. tekhn. nauk.
Energ. i avtom. no.566-76 S-0 '59. (MIRA 13:1)
(Electric generators) (Automatic control)

POLAND/Physical Chemistry - Crystals.

B

Abs Jour : Ref Zhur Khimiya, No 19, 1959, 67175

Author : Kozowski, L., Ziolkowski, Z.

Inst : -

Title : The Effect of the Addition of Certain Metal Oxides on the Structure and Magnetic Properties of Barium Ferrites.

Orig Pub : Praca inst. hutn., 1958, 10, No 6, 305-331

Abstract : The effect of the addition of Al_2O_3 , Bi_2O_3 , Mn_2O_3 , Cr_2O_3 , CoO , and NiO on the structures and magnetic properties of $Ba_{0.6}Fe_2O_3$ was investigated. -- From authors' summary.

Card 1/1

- 11 -

EXCERPTA MEDICA Sec. 17 Vol. 3/4 Public Health Apr. 57

1178. KOZOWSKI T., MARKOWICZ J. and RATAJ R. Z Katedry Chor. Zakaźnych Pomorskiej A. M. W Szczecinie. *Dwa ogniska zachorowań na guzki dojarzy; wśród pracowników zatrudnionych przy dojeniu krów chorych na ospę krowią. Two foci of natural cowpox in man PRZEGL. EPIDEM. 1956, 10/1 (57-64) Illus. 5

A description of 6 cases of cowpox in dairy workers of 2 agricultural farms, employed in the milking of cows. The diagnosis was confirmed by virological investigation of the content of a typical 'milkers' sore' in one of the patients. The authors are not inclined to regard the lesions in question (in some cases at all events) as a disease distinct from vaccinia and due to a specific virus. They consider the described cases as one of the clinical types of the infection of man with the virus of vaccinia.

BARANYAI, Pal; KOZSA, Istvan; KAPUS, Gyula

Comparative analysis of human and animal blood proteins by immune electrophoresis. Allattani kozl 50 no.1/4:23-27 '63.

1. Fovarosi Tanacs Heim Pal Gyermekkorhaza es Budapest Fovaros Allat- es Novenykertje.

KOZSEDU², I.

"From the Glorious Victories of the Soviet Army", n.l. (REPULES, Vol 7, no. 4, Feb. 1954, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

KOZTUM, V. P.

AID P - 3502

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 17/21

Authors : Zabolotnyy, I. I., Koztum, V. P., and B. M. Krimerman

Title : Selective corrosion of zinc

Periodical : Zhur. prikl. khim., 28, 6, 655-659, 1955

Abstract : Plates of sheet zinc (1.8 mm thick) containing 0.9% Pb, 0.12% Cd, and 0.02% Fe were treated with acid solutions, namely: 18.4% H_2SO_4 , HCl, or HNO_3 at room temperature. The experimental data show that the nature of the corrosion depends on the acid used. One diagram, 6 references, all Russian (1931-1953).

Institution : None

Submitted : S 4, 1953

KOZUB, A.S., gornyy inzh.; KALININ, I.P. gornyy inzh.; SHCHENBAK, I.A., gornyy inzh.

Speed up the working of the Mikhaylovka deposit. Gor. zhur. no.7:6-8
Jl '62. (MIRA 15:7)

1. Mikhaylovskiy zhelezorudnyy kombinat, g. Zheleznogorsk.
(Kursk magnetic anomaly--Strip mining)

Kozub, F.S.

✓ 8. HEADING 2.0.4 TIE-IN OF CROSSCUT IN ONE MONTH, Kozub, F.S. and
Bvinoranko, D.H. (Mokhan, Irud, Tyashel, Bobot (Mosh. or JIBUS MC, Moscow), *Jul 2*

Sept. 1955, vol. 9, 27-30). The crosscut referred to is located in the Mowaya mine, Kelycrov coal field, at a depth of 427 m. The rock was, 25 m thick, through which the crosscut was driven, consisted of bands of chlorite shale, sterile hornstone and ferrous corrite, varying in thickness between 2 and 15 m and strongly fissured. The rock was fairly hard and dry. It proved unnecessary to set any supports but the heading was gunited. The heading was organized as an independent district. The total number of men employed was 38, each man being conversant with at least 2 or 3 trades. Four production shifts of 6 hours each were worked in every 24 hours, a full cycle being completed in every shift. The work was maintained for 7 days a week until the entire crosscut, 475 m long, had been headed. The drill bits were resharpened at the colliery workshops on the surface. Ammonite FV-3 was used as the explosive after some experimenting with other types. The heading was ventilated by the combined method, i.e., both suction fan and by forcing with compressed air. When the heading had advanced 60 m a booster fan was installed. A PHL-1 shovel loader and a Krivbas-8 transporter fitted with an extended delivery jib for transferring the dirt into two tubs were used.

N.C.B.

KOZUB, FEDOR SAMSONOVICH

~~KOZUB, Fedor Samsonovich~~, gornyy inzhener; KAPLYUK, N., redaktor; ZMIY, V.,
tekhnicheskiy redaktor

[According to Anton Zinkov's method] Po metodu Antona Zin'kova.
[Dnepropetrovsk] Dnepropetrovskoe obl.izd-vo, 1956. 60 p.
(Mining engineering) (MLRA 10:9)

KOZUB, F.S.; NIKITIN, I.P., gornyy inzh.

Labor productivity in supporting horizontal mine workings
should be considerably increased. Gor. zhur. no.10:22-23
O '61. (MIRA 15:2)

1. Glavnyy inzh. rudoupravleniya im. K.Libknekhta (for Kozub).
2. Krivorozhskiy filial Instituta gornogo dela AN USSR (for Nikitin).

(Mine timbering)